



Features

- ✓ Support AMD Geode LX 800
- ✓ 1 x SO-DIMM socket Support
DDR SDRAM up to 1GB
- ✓ VGA/LVDS
- ✓ PCI-104 Interface
- ✓ COM, USB2.0, IDE, CFII, Audio

Specification

System	
CPU	Onboard Ultra Low Power AMD Geode LX800 500MHz
Chipset	AMD LX 800 + CS5536
Memory	1 x 200-pin SO-DIMM socket support 200MHz DDR SDRAM up to 1GB, 256MB pre-installed
Battery	Lithium Battery, 3V 220mAh
BIOS	Award
RTC	System
Hardware	Yes
Monitoring	
WatchDog Timer	Software programmable 1~63 sec.
OS	Windows XP/XP Embedded/CE, Linux
Video	
Video Controller	AMD Geode LX integrated video controller
Video Interface	1 x VGA port 1 x 18-bit LVDS port
Ethernet	
Connector	1 x RJ45
Controller	Realtek RTL8100C (10/100Mbps)
Storage	
IDE	1 x E-IDE
HDD Bay	Anti-shock drive bay for 2.5" HDD
SSD	1 x Compact Flash socket
I/O	
Serial Port	3 x RS-232, 1 x RS-232/422/485 (4 x DB9)
USB Port	4 x USB2.0 (4 x external port)
Audio	Stereo Audio output
GPIO	4 input, 4 output
Parallel Port	1 x LPT port
Keyboard/Mouse	PS/2 keyboard and mouse connector
Expansion Slot	1 x PCI-104 slot

Mechanical & Environment	
Construction	Fanless, Aluminum Chassis
Colour	Black
Dimension	250mm x 117mm x 59mm (W x D x H)
Power Supply	90~264V AC input, 12V DC output power adapter Lockable DC plug-in jack
Power Requirement	AT : 12V Single Voltage Input
Operating Temp.	0~45°C (32~113°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing
Approvals	CE FCC class A

Packing List	
1.	ES0631 x 1
2.	Quick user guide x 1
3.	Utility CD x 1
4.	256MB memory pre-installed
5.	2.5" anti-shock HDD mounting kit x 1
6.	HDD cable (44-pin) x 1
7.	PS/2 keyboard and mouse cable x 1
8.	Power adapter x 1
9.	AC power cord (Optional for USA/EU/UK type) x 1
10.	Mounting bracket x 2

Ordering Information	
ES0631-G	ES0631 with AMD LX 800, 256MB DDR and power adapter